

June Meeting Amateur Weather

**Friday, June 20
8:00 PM
Our Savior's Lutheran
Church
1035 Carol Lane
Lafayette, CA**

The speaker for June is Russ Heilig, KF6GXP, sales manager for Davis Instruments.

Russ will be speaking on amateur weather.

Presidential QRM

By Sam Lipson, KO6JR

Well, June is upon us and that means FIELD DAY. With 20 meters open quite a bit lately, this could be a great year. Let's get up to the hill and have a lot of fun. June also means the start of summer. With summer also comes the bulk of our public service events. We should all get out and support our community. Call Mike Patterson for more details.

Upcoming events also include the Picnic in July, the Auction in September, Pacificon '97 in October and hopefully, a real celebration of our 50th anniversary in November. If you would like to help in November, please call me and help us plan a great event. December will bring our annual Holiday Party which is always fun.

With the approval of the By-law revisions, we will be adding two new board members (directors at large). We also need to put a nominating committee together next month. If you are interested in helping out in this area, please call me and we can get things moving.

Remember, the activities that this club produces are carried by the membership. Your Board of Directors is always looking for ideas. Talk to any board member to discuss your ideas. Only if we know what you want to do, can we implement your ideas.

Wishing you good propagation, and looking forward to hearing you on the air.
de Sam, KO6JR.

...At Your Service

By Charles Arthur, AC6WU

The response to our kit-building session has been good. I am glad to see there is a pioneering spirit amongst our membership. There are thirteen kits now under some form of construction (or in ones' thinking, you know, that time one spends dreaming and planning). Everyone participating is excited and anxious to get together and begin operating. Some are still Technician Class licensees and will be upgrading in order to operate their new homebrew stations. There are hams that have not been active for quite some time and there are others who have never built a kit before. Some have only the knowledge of how to use the push-to-talk button without knowing what goes on inside a radio. Upgrading, learning something new, self-improvement, whatever the reason, that's the spirit.

During this 50th anniversary year, make it your goal to do something different for the club. It doesn't have to be earth shattering. Build a kit, join RACES, operate during field day and give the club points, serve on a public service event, learn the code and upgrade, write a newsletter article! Whatever it is, make it a point to do something you haven't done before. It will promote the club's ham radio interests. (No, buying a new computer doesn't count.)

Changing one's attitude can perhaps be the best thing one could do. I talked recently to a ham who believed the club is not run the way he thinks it should be. He has decided not to rejoin this year. What a shame! He had so much to offer. Now the club will never be run the way he thinks it should. It would have made sense if he had volunteered for some responsible position within the club, perhaps running for an office or something as simple as writing an article for the newsletter. He could have initiated some changes. I hope he changes his attitude and shares his unique knowledge with us. We could all benefit.

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Mt. Diablo Amateur Radio Club W6CX

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The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and space is available.

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From the RRRG

By Jim Brunk, Chairman

Progress

As reported last month, we had reached a tentative agreement with Diablo Communications about our equipment on Mount Diablo. I am pleased to report that we received a contract from them just prior to the May general group meeting. The negotiating committee and the steering committee are in the process of reviewing this contract. We have found several factual errors and some issues that require further attention. We have 60 days to reply to Diablo Communications.

The contract provides for space and electricity in the main repeater building and on the tower for our four repeaters. Our tower positions will be higher than those we occupied before the old tower went down. We would be sharing a maximum of four rack spaces with four other ham groups. We are also required to share some antennas and feed lines through a combining system. Our systems require one and one half racks. The rent for this would be \$450 per month up from \$132 per month. Diablo Communications has agreed to not charge us for the space required for the combining equipment. The move into the main building will reduce our cable runs by about 100 feet. This means a cost savings during installation as well as a performance gain for the systems. Another change is that this contract calls for year long periods with automatic renewal. Each party has the right to give notice of termination prior to the last 90 days of the contract period. The old contract was a month to month contract with a 30 day notice period. We must also carry a one million dollar insurance policy. The steering committee generally feels good about these conditions.

What we are concerned with? The contract calls for an annual six percent rent increase. We need to investigate this and suggest a change. Another is that Diablo Communications has stated that there will be no new ham groups allowed on the site. They have implied that if there is a drop out, the remaining hams would have to pick up the rent balance. Additionally, we want to be sure that our rent starts when we have a running system.

So, what is the bottom line? As soon as there is a signed contract, we will start the equipment moves. There will be a minimum three week wait for the tower climbers. Hopefully, we will be up with a much improved system within a month of signing a final contract.

Autopatch

Some clarification about the autopatch. The patch is intended for those operators who need a phone but are not near one. A good rule of thumb is that if you are within 100 yards of a phone, you don't need to use the autopatch. Also, if you are a frequent user of the patch, consider sending a check to defray some of the costs. Our treasurer, Stu Cannon, KE6OFD, will gladly accept donations.

Field Day

Larry Bevier, KD6ZMH, has agreed to run one of the UHF or VHF bands. There is still time to step forward and volunteer to help. Inform anyone on the board, and we will get you set up.

Answer to this Month's Questions

There were no questions submitted this month. Questions may be sent to brunk@ix.netcom.com or the designlink BBS addressed to Jim L. Brunk or dropped in the MDARC suggestion box. All questions must be signed.

Collins Stuff Wanted

I'm looking for the following:

A manual for the 75S-3B/C receiver (to purchase or to copy),

Any Type FA narrow filters (for the 75S-3B/C),

SM-1, SM-2, SM-3 or MM-1 microphone.

JC Smith, 510-947-0540 or k0hps@amsat.org

Field Day 1997

Time: Friday June 27 2 pm through Sunday June 29 1 pm.
Contest runs Saturday June 28 11 am through Sunday June 29 11am. Mount Diablo lower summit parking lot. Park entrance/exit hours are 8 am until 8 pm (approximately).

Last year we had a lot of fun, did a lot of work, and probably turned in the best score the club has had since the 1980 field day team. Bill Baker and Lynn Leach were on the site and made a few contacts. The astronomical society had a public meeting on the other half of the parking lot in the evening with approximately 100 members and visitors, some of whom came over and looked at what we were doing. Later in the night (3am) those of us who were still up, and not tied to a radio, had a free astronomical show.

This year's band captains are: 80 and 10 meters Jerry Gardner, W6UV; 40 meters and VHF packet (if no one else wants it) Ken Wise, KE6QNK; 20 meters Rick Thompson, N6SPP; 15 meters J.C. Smith K0HPS; 2 meters Larry Bevier KD6ZMH.

We are already arranging our annual cw-by-spotlight qso with The San Francisco Radio Club (W6PW)—look for the cw light being aimed at the Golden Gate Bridge around 10-11 pm Saturday night. Also, we may try another CW-QSO-by-mirror (reflecting the sun) during the daylight hours.

Of course we still have some field day needs:

1. A band captain for 450. Rig and antenna appear already be available.
2. Message handlers. 1 not on the hill to originate 10 messages in ARRL format. 1 on the hill to relay them. 1 not on the hill to receive the messages and deliver them in ARRL format. We will also need to originate 1 message on the hill and deliver it to the ARRL section manager. These could be done by packet. This is a good opportunity for those of you who do not have time to come up the mountain but would like to participate.
3. 1 person to bring the club trailer up the hill.
4. 1 person to be responsible for the generator. Pick it up Friday, get the fuel (i have the gas cans for this), maintain it on the hill, return it. This requires a tow hitch on your vehicle.
5. A tent, trailer, or motorhome to use as a operation position for 20 meters and one to use for 80/10 meters.
6. A person to copy the W1AW message sometime during field day.
7. Lots of operators—anyone can work any band/mode on

our site. You are not restricted by license class. We definitely need 6-8 people to man 75/80/40/20 overnight.

8. 1 HF rig for 10/80.
9. 10 meter antenna.

Through the efforts of Cal Groom, KE6OEH, Salvation Army Del Oro Division SATERN Coordinator, The Salvation Army will be providing a Canteen on the Field day site. Some Coffee and Beverages will be available from the canteen. It is our intention to run a VHF or UHF station from the canteen as part of SATERN program for the Salvation Army. They have asked if it would be possible to provide some assistance in manning the canteen during some of the field day operation.

If you come on the mountain just for the day you will need food, water, sunscreen, hat, appropriate clothing. If you come up to spend one or both nights you will additionally need a place to stay (self supporting tent, or other shelter), cooking facilities (no open fires). Its recommended that you bring toilet paper, camera, telescope/binoculars.

Admission to Mount Diablo has been paid by MDARC. At the gate please tell them you are with the radio club. There is no camping fee if you stay on the field day site. If you bring a dog you will need to pay the fee for it. *Reminder: There are no alcoholic beverages allowed in Mount Diablo State Park. If you are caught with any, the fine is substantial and it could jeopardize our use of the park in the future.*

There will be an information station on 147.06 from 12 noon until 9 pm Friday, 7:30 am until 10 pm Saturday; 7:30 am until 11 am Sunday. Please check in there before coming up the mountain, we may need you to bring something to us. During the contest we will be providing current frequencies that you can find us on for contacts.

If you do not come up the mountain and operate the station, PLEASE make 1 or more field day contacts with us. You may work us on both CW and SSB on 80-10 and SSB or FM on 2/450 (and above if we have active stations). If every member of the club made 1 or 2 contacts we would have at least 500-1000 QSO's just from club members.

The exchange you use if you work us from Contra Costa County or Alameda County is 1C eastbay if you are mobile or 1D eastbay if you are at home.

If you can help on the mountain, loan us equipment, or help us in other ways, please contact me on the Thursday night net, or at the phone number or email listed in the MDARC directory. I hope to see you or hear you on field day. Lauren, WA6CIE

...At Your Service

continued from page 1

Finally, thanks to all the new hams for your encouragement and support of the club's activities! There are some fine new operators in our midst and want involvement of some kind. Let's not waste such enthusiasm by ignoring them. Someone else will use their talents if we don't ("we" being the officers). We all could use some help with our duties and these newcomers are willing. How about some of the old-timers getting re-involved? Say hello to one of the KF6 calls and some of that enthusiasm might rub off.

Wishing you all good transmissions, 73... Charles, AC6WU.

MDARC General Meeting Minutes

May 16, 1997

The meeting was called to order at 8 p.m. by President Sam Lipson, KO6JR, who introduced guests, upgrades and new members. Congratulations to Ruth and Larry Miller upon the arrival of the newest MDARC member, son Kyle, who is attending his first meeting tonight. Congratulations, also, to Joey Simon, KF6ACO, who passed the 20 wpm code test.

Vice President Cal Groom, KE6OEH, announced that tonight's program will be a presentation about the Salvation

Army's recent disaster services. The programs for the remainder of the summer will be of a technical nature.

Treasurer Greg Estep, KE6VTA, reported a bank balance of \$24,578. The monthly Pacificon meeting will be held Saturday, May 17 at Baker's Square in Concord. Everyone is welcome.

Director John Stuart, KM6QX, is looking for an old radio to borrow for display at the Pacificon special events station. Please contact him if you have one, or know of one that is available.

Membership Chairman Jeff Straus, KE6QYM, reported a current total of 542 members.

Editor Jerry Gardner, W6UV, said that

the *Carrier* deadline is May 30.

George Roush, WB6OFH, reminded everyone that the annual picnic will be held on July 20th near the swimming pool and tennis courts at Concord Community Park on Cowell Road in Concord. The club is buying the food, but door prize tickets will need to be purchased. Lunch will be served from 11:30-1:00 p.m.

Jim Brunk, N6BHX, Rocky Ridge Repeater Group report is that the tower installation is very near. Updated details can be found on the Designlink bulletin board. The rental fee will be \$450/month, but Diablo Communications has agreed that they will not bump the radio

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amateurs in favor of a more lucrative commercial customer. They have also offered credit for club expenditures for the rebuilding from storm damage. A contract is currently being written. The receiver will be at the 375' level and the transmitter will be approximately 230-240' making them higher than they were before the tower was destroyed by the storm, and shadowing should not be a problem. RRRG's next meeting will be Wednesday, 7:30 p.m. at Stonebrook Convalescent Hospital on Concord Boulevard.

Emergency Coordinator Charles Arthur, AC6WU, reported that QRP kits ordered are available tonight. Those who would like to place an order may still do so.

Robert Hampton, KF6FGH, thanked those who assisted with the 100-mile bicycle tour on May 10.

Mike Patterson, KE6JGA, thanked those who participated in last month's discussion on public service. May 17 is World Telecommunications Day and the club received a letter from San Francisco Mayor Willie Brown complimenting amateur radio. Please see Joe Gregory to assist with upcoming trail rides. Also, about seven volunteers are needed for talk-in to the picnic. Mike asked event coordinators to send information to him as to number of participants and number of hours spent working at events for recording purposes.

Lauren Styles, WA6CIE, reported that he is still looking for someone to cover two bands for field day on the fourth weekend in June. Lauren also announced door prizes for tonight

and encouraged everyone to purchase raffle tickets.

Dick Brown, KT6X, announced that he has a Windows version of the Designlink software, which he will give to anyone who would like to have it. On Saturday, May 17, there will be an open house at the new Concord police station, and Dick will be among those conducting guided tours in the afternoon.

Tonight is the last chance to order gold shirts and jackets. They will be available for pickup at the June meeting. Please see Jim Whitely, W6LTI, if you are interested.

The floor was opened to discussion of the revised bylaws as published two months ago. The motion was made, seconded and carried to approve the revised bylaws as published. There will be openings for two additional board members, one term to expire December 1997 and the other to expire December 1998. The next board meeting will be held Monday, June 9th, at Emil Villa's in Concord, and the next general meeting will be held June 20th.

The business portion of the meeting was adjourned to observe the 50th anniversary of the club with a birthday cake. Members present: 80.

Cal, KE6OEH, introduced Alex King, Assistant Director of Disaster Services for the Del Oro Division of the Salvation Army, located in Sacramento, who spoke of recent disasters attended by the Salvation Army and other volunteers, approximately 30-35% of whom are amateur radio operators. A major factor, especially in the case of floods, is the extended period of time

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necessary for the water to recede and homes to be restored to a livable condition. The Salvation Army is still feeding about one hundred families per day in the northern California areas which flooded months ago. The Midwest will be rebuilding for another year to eighteen months. A major concern is that there is no canteen available for the central Contra Costa County area, and in the event of a major earthquake on the Hayward Fault, the Berkeley canteen will not be able to come over the hills. Community support is needed for the acquisition of a vehicle costing in excess of \$100,000 to be used for a canteen for this area.

JC Smith gave his endorsement to the Salvation Army as the number one charity in delivering maximum funds to people in need with minimum administrative cost.

Eight copies of *Now You're Talking* were offered to anyone who would like to have them as reference material, as the question pool will be changing soon. The meeting was adjourned at 9:55.

Respectfully submitted,
Donna A. Cook, KE6PPM

MDARC Board of Directors Minutes May 5, 1997

The Board meeting was opened at 7:30 by President Sam Lipson, KO6JR, at Emil Villa's. Other officers present were Greg Estep, KE6VTA; and Donna Cook, KE6PPM. Director present: John Stuart, KM6QX. Also present: Jerry Gardner, W6UV; and George Roush, WB6OFH.

George, WB6OFH, reported on the status of social activities. Several members have volunteered to assist in cooking at the picnic. Richard Shappee, WA5HQJ, has volunteered to loan a transmitter for the transmitter hunt. For next month's meeting, the doughnuts and bagels will be replaced with a birthday cake. Donna volunteered to bring plates, forks and napkins.

The minutes of the April 7 board meeting were approved as printed in the *Carrier*.

Treasurer Greg, KE6VTA, reported a balance of \$24,531, and distributed his detailed report to those present, along with a copy of the club's 1996 tax re-

turn.

Old Business:

Revisions to the Bylaws will be considered for approval at the next meeting. If the bylaws are approved, two new directors will be appointed, one for a term expiring Dec, 1997, and one for a term expiring Dec, 1998. A nominating committee will also be appointed.

New Business:

Jim Wallace, WB6LQG, has eight surplus copies of *Now You're Talking*, which he would like to donate, as the question pool will be changing soon. The motion was made and carried to allow the books to be donated.

President Sam suggested the establishment of a postage due account with the post office, so that each item of returned mail will not have to be handled separately. The motion to do so was made and carried.

Several ideas were proposed for future programs. These suggestions will be passed along to Vice President Cal, KE6OEH. It was suggested that in the future, the program precede the business portion of the meeting, with a printed agenda for the business portion to be distributed at the beginning of the meeting. This suggestion will be brought before the next general meeting.

The meeting adjourned at 8:30 p.m. The next board meeting will be held June 9, at Emil Villa's. Everyone is invited to attend.

Respectfully submitted,
Donna Cook, KE6PPM

More Antenna Talk By JC Smith, KOHPS

Most hams know that antenna systems are an important part of any ham station, but how important? After all, if you have just spent a couple kilobucks on the latest IKENSU 10,000-DX/DSP how much antenna do you really need? Can't you just throw a wire up over a tree and add in a couple of 3-500Zs for the real DX?

Well, the good news is that you can load up just about anything made of metal and put out some sort of signal. For some of us that's about all we can do. I make regular contacts on 40 meters with KC7UXA

in Las Vegas and Steve lives in an apartment and can only manage to sneak a tiny random wire under the eaves. Yet he hears me well (599 on our last qso) even though I'm usually only running 2 Watts, and I never have problems copying him.

But what about those of us who are not so restricted and would like to be 599 in the next continent, not just the next state? If we can put up a good antenna system, how much effort and expense should we expend in that direction?

Of all the hams who worry about how well they can hear and be heard, contesters are probably the most concerned. These folks will go to the ends of the earth for a few more tenths of a dB. In a recent poll conducted by CQ magazine approximately 200 top contesters replied to the following question: If someone gave you \$10,000 to spend on a contest station, how much would you spend on each of the following: Radios, Amplifier, Antennas/Towers, Computer, Other.

Here are the averaged results:

Radios: \$1783
Amplifier: \$1413
Antennas: \$5913
Computer: \$554
Other: \$337

That's right, they would spend almost 60% of their total station investment on the antenna system. That's food for thought when planning your next ham radio expenditure.

Ramblings from the Editor By Jerry Gardner, W6UV

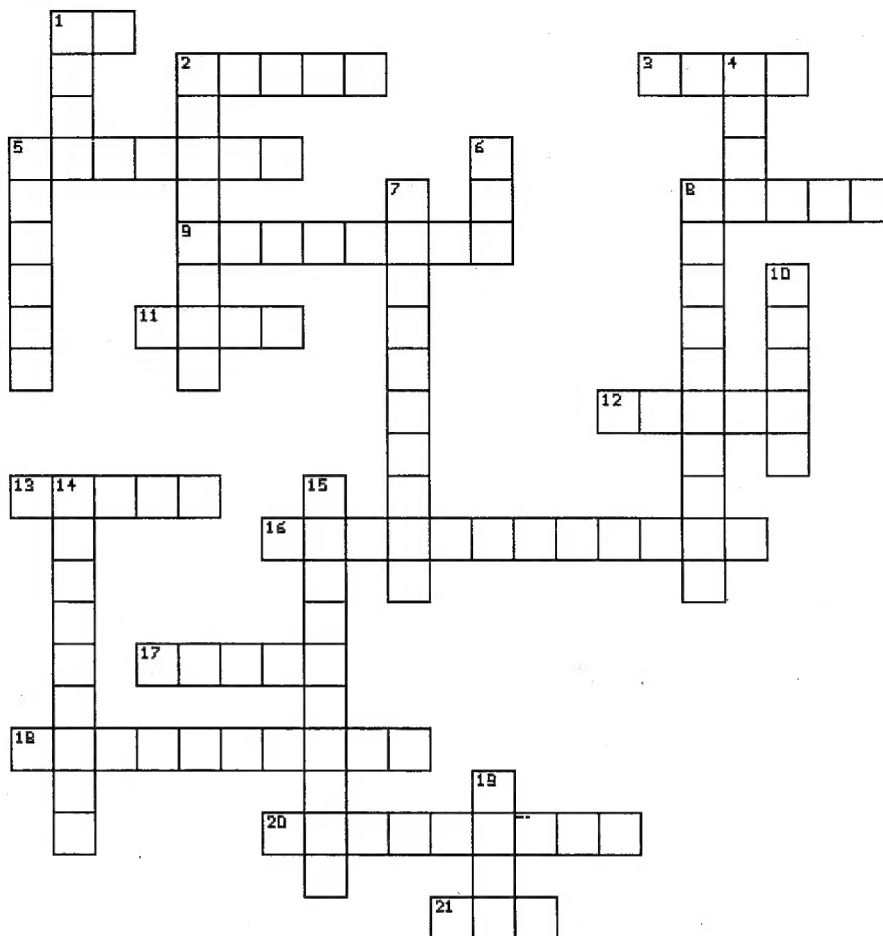
Summer is almost upon us. Field day beckons. Public service events abound. Who said amateur radio enters the doldrums in the summer?

It looks like we've succeeded in holding the LEO satellite industry at bay—at least for now. As always, the best way to defend our bands is by using them. We need to encourage more of the newcomers to the hobby to move up and explore some of our little-used bands, rather than just stagnate month-after-month on 2 meters. There's so much more out there than brainless chit-chat on 2 meters!

And after you've explored a new band or mode, seek out others and fill them in on your discoveries.

Crossword

By Dan Goemmel, KQ6AR



ACROSS

1. Modulation where the frequency of the RF carrier varies.
2. The basic unit of inductance.
3. The metric prefix for 10^9 .
5. A receiver used to listen to a wide range of frequencies is often called a _____ coverage receiver.
8. The frequency that you transmit to a repeater is its _____ frequency.
9. When a receiver is overpowered by a strong signal front-end _____ has occurred.
11. You might use a _____ filter on a television to prevent TVI.
12. You have a _____ period after your license expires to renew it.
13. VHF and UHF signals usually travel line of _____ to their destination.
16. Frequency _____ recommend frequencies for repeater use.
17. The basic unit of frequency.
18. The ability of a coil to store energy in a magnetic field.
20. Intentional interference is considered to be a _____ act.
21. A _____ pass filter is often used on HF rigs to prevent causing interference.

DOWN

1. Used in a circuit to protect a device from too much current
2. Signals on whole number multiples of the desired frequency are.
4. Antennas are usually compared by the amount of _____ they have over a dipole.
5. _____ wave propagation is when a signal travels the earth's surface.
6. Its a very good idea to have a ground _____ driven into the earth for your gear.
7. The part of the atmosphere that bends radio waves back to earth.
8. Are used to prevent current from passing by a point.
10. _____ sideband is usually used on 40, 80, and 160 meters.
14. When trying to match an antenna, radio, and feed line you are matching its _____.
15. Waves parallel to the earth's surface are _____.
19. The metric prefix for 10^3 .

Tour of Diablo Valley

By Robert P. Hampton, KF6FGH

The Diablo Valley Cyclist (100 Miles) Tour on Saturday 3/10/97 provided some great communications experiences. This event encompassed a very wide area of Contra Costa County. There were some areas that were hard to talk to the repeaters. This provided some great emergency type of communications you may encounter in real emergency situations. Great job folks!

Special thanks to the following event Radio Communicators:

Start/Net Control	Robert H., KF6FGH	Livermore Rest 2	Stan P., N6ZA
Start/Net Control	Gina W., KF6GPM	Briones Park Stop 4	Dave N., KO6TJ
Mt. Diablo SAG Truck 1	Joe D., K6VLH	SAG Truck 1/Net Ctrl	Robert M., KE6ZZG
Danville Rest Stop 1/3	Joanie D., KF6DFK	SAG Truck 5/Rest 1/3	Jerry G., W6UV
Danville Rest Stop 1/3	Joe G., WA6DQN		

Special Thanks to Brad Watson for allowing us (MDARC) to use all 3 of Contra Costa Repeater Association's repeaters for this major event. This was Gina's first public service event and performed great as a Net Controller. (Hey you all, try it, is fun, and it don't bite!) Everyone involved gets a T-Shirt from the Diablo Valley Cyclists Event Coordinator.

This was my 3rd public service event and it was fun (and scary) putting it together and performing Net Control. I received some great support from Charles, AC6WU, Jim, AD6AM, and Brad (CCRA). Thanks to you all. Hope all of you try at least one public service this Summer! 73s.

You might be a Redneck if...

More than one living relative is named after a southern civil war general.

Your front porch collapses and more than six dogs are killed.

Your home has more miles on it than your car.

You think that potted meat on a saltine is an hors d'oeuvre.

There is a stuffed possum anywhere in your house.

You consider a six-pack and a bug-zapper high-quality entertainment.

Fewer than half of your cars run.

The primary color of your car is "bondo."

You stand under the mistletoe at christmas and wait for Granny and cousin Sue-Ellen to walk by.

Your family tree doesn't fork.

Your hairdo has ever been ruined by a ceiling fan.

Your mother has been involved in a fistfight at a high school sports event.

You've ever barbecued Spam on the grill.

The best way to keep things cold is to leave'em in the shade.

The neighbors started a petition over your Christmas lights.

Your brother-in-law is your uncle.

You have refused to watch the Academy Awards since "Smokey and the Bandit" was snubbed for best picture.

Your only condiment on the dining room table is the economy size bottle of ketchup.

The rear tires on your car are at least twice as wide as the front ones.

You consider "Outdoor Life" deep reading.

You prominently display a gift you bought at Graceland.

You use the term 'over yonder' more than once a month.

The diploma hanging in your den contains the words "Trucking Institute".

Your mother keeps a spit cup on the ironing board.

You've ever worn a tube top to a wedding.

Your favorite christmas present was a painting on black velvet.

You think that Dom Perignon is a mafia leader.

With apologies to Gilbert and Sullivan

By Tim, KF2UM

Oh, I am the very model of a modern Amateur General.
I turn on my new radio and send signals quite ephemeral.
I bought an old brass straight key and my fist is now exceptional.
Oh, I am the very model of a modern Amateur General.

I turn on my two meter rig and say that I'm here listening.
I carry my black HT out to Four Weddings and a Christening.
I drive to K2KJL's garage and there with glee my eyes are glistening.
Oh, I am the very model of a modern Amateur General.

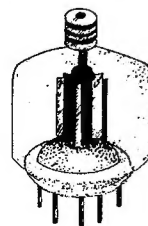
I spin the dial from dusk to dawn across the sagging low bands.
My children—what s their names now?—beg to make a snowman.
My spouse says either she or that radio's gonna go man.
Oh, I am the very model of a modern Amateur General.

I'm really gonna miss her as she tossed her head quite prettily.
But chaps that write on packet turn their phrases oh so wittily.
There's a contest coming up and I'm starting to get jittery.
Oh, I am the very model of a modern Amateur General.

I have a fascination for all things electronical.
I log on to the Internet and hunt for things Veronical.
I flame the geeks in cyberspace for being so sardonical.
Oh, I am the very model of a modern Amateur General.

I read CQ and QST because they are so factual.
I rack up points at Field Day cause my accent's quite theatrical.
I joined the Quarter Century Club as I'm somewhat geriatric.
Oh, I am the very model of a modern Amateur General.

Yes, I am the very model of a modern Amateur General.
Yes, he is the very model of a modern Amateur General.
Yes, he is the very model of a modern Amateur General.



NETS

RRRG Nets

APRS Net Tuesdays 1930 Hours
 147.060/+ (100 pl)
 Net Control: Barry, KC6WYA

Phone Net Thursdays 1930 Hours
 147.060/+ (100 pl)
 Net Control: Jay Caldis, KT6Y

ATV Net Thursdays 2000 Hours
 Net Control: Mike Burke, KB6RMT
 Alternate: Sylvia, KC6YJV

Youth Net Thursdays 1900 Hours
 147.060/+ (100 pl)
 Net Control: Jeff Burke, KE6YAW

Contra Costa County Emergency Services HF Net

First Thursday following first Wednesday, 2000 Hours, 3.895 MHz. Net Control: Richard Shappee, WA5HQJ

Sheriff's Amateur Radio Communications Team

Clay Yale, N6YBQ
 (510) 228-8223

Contra Costa County ARES/RACES Nets

Thursdays, 1900 Hours

Central County 145.680 Simplex
 Jim Brunk*, N6BHX
 (510) 372-8248

East County 146.535 Simplex
 Jim Tittle*, KC6SOE
 (510) 432-3220

South County 146.355/+ (100 pl)
 Greg Nelson*, WB6MBD
 (510) 933-5381

West County 145.110/-
 Rich Parker*, KD6JCT
 (510) 237-2777

QSY to 147.735/- at 1920 Hours

Meeting of all County ARES/RACES Nets

Sam Lipson, District Emergency Coordinator, KO6JR
 (510) 229-5705

* Assistant District Emergency Coordinator

1997 MDARC Public Service Events

By Mike Patterson, KE6JGA

Date	Event and Location	# Ops	Ham Coordinator
14-Jun Sat.	Mission Peak Horse Ride International Arabian Horse Assoc. Sunol Park to Mission Peak	6+	Joe Gregory, WA6DQN h 510-930-6889
21-Jun Sat.	Endurance Ride Moraga Horsemen's Assoc. Oakland Hills, Redwood & Chabot Parks	7	Joe Gregory, WA6DQN h 510-930-6889
4-Jul Thu.	San Ramon City Fireworks San Ramon	10	Ed Richie, K6SFD h 510-837-3265
4-Jul Thu.	Pleasant Hill 4th of July Parade Pleasant Hill	5	Bob Williams, N6UTX h 510-934-1873
31-Aug Sun.	Hekaton Bike Ride Valley Spokesmen Bike Club Dublin, Castro Valley, Martinez, ++	6	Arnold Harding, KQ6DI h 510-449-0966
20-Sep Sat.	Las Trampas Trailride Las Trampas Stables, San Ramon Oakland Hills, Redwood & Chabot Parks	8	Joe Gregory, WA6DQN h 510-930-6889

CALENDAR OF EVENTS

June 9	7:30 pm	MDARC Board Meeting	Emil Villa's, Concord
June 11	7:30 pm	RRRG Steering Committee Meeting	Baker's Square, Concord Second Wednesday every Month
June 20	6:00 pm	MDARC VEC Exams	Our Savior's Lutheran Church 1035 Carol Lane, Lafayette
June 20	8:00 pm	MDARC Meeting	Our Savior's Lutheran Church 1035 Carol Lane, Lafayette
June 21	8:00 am	Pacificon General Meeting	Baker's Square, Concord Saturday following 3 rd Friday
June 30		July Carrier Deadline	
July 6	7:00 am-Noon	Livermore Swapmeet	Las Positas College, Livermore 1st Sunday every month
August 3	1:00 pm	Sunnyvale VEC Exams Gene Capener, WW6H, 510-254-5090	Consolidated Fire Training Center 2945 Treat Blvd., Concord 1st Sunday even months

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523

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Address Correction Requested



MDARC Meeting: June 20

